ABSTRACT OF THE DISCLOSURE

A digital logger system includes a multichannel interface circuit adapted:

1. for concurrently and continuously receiving audio telecommunication signals for at least two telephone calls; and
2. for continuously transmitting digital audio data extracted from the received audio telecommunication signals.

A Universal Serial Bus ("USB") hub of the digital logger system:

1. receives the continuously transmitted digital audio data; and
2. and transmits it to a USB root hub.

A USB root hub of personal computer ("PC") receives the transmitted digital audio data, and executes PC software which continuously monitors the digital audio data for decoding line status and signaling information embedded therein to determine status of a telephone line including a telephone line "going off hook." When a telephone line goes "off hook," the PC software records both:

1. an audio header that stores information about a telephone call; and
2. an audio file that stores compressed digital audio data for the telephone call.

In another embodiment an improved digital logger system includes a search engine which, upon decoding of appropriate

signaling information for a telephone call, initiates a real-time reverse-lookup that accesses publicly accessible directories and business information.